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PATENT

-DOCKET NO.: GZ 2098-00-

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**DECLARATION FOR UTILITY OR DESIGN PARENT APPLICATION (37 C.F.R. § 1.63)**

**AS A BELOW-NAMED INVENTOR, I HEREBY DECLARE THAT:**

**My residence, post office address, and citizenship are as stated below next to my name.**

I believe I am the sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: **ALTERED PEPTIDE LIGANDS**, the specification of which is attached hereto unless the following box is checked:



I HEREBY STATE THAT I HAVE REVIEWED AND UNDERSTAND THE CONTENTS OF THE ABOVE-IDENTIFIED SPECIFICATION, INCLUDING THE CLAIMS, AS AMENDED BY ANY AMENDMENT REFERRED TO ABOVE.

I acknowledge the duty to disclose information which is material to the patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States of America listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

Prior Foreign Application Number	Country	Foreign Filing Date (month/day/year)	Priority Claimed?
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I hereby claim benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

Application Number.	Filing Date
60/269,077	February 14, 2001

I hereby claim the benefit under 35 U.S.C. § 120 of the United States application(s), or § 365(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (month/day/year)	Parent Patent Number <i>(if applicable)</i>
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Please direct all communications to:

**Antoinette F. Konski, Esq.**  
**McCutchen Doyle Brown & Enersen LLP**  
**Three Embarcadero Center, Suite 1800**  
**San Francisco, California 94111**  
**Telephone: (415) 393-2000 - Facsimile: (415) 393-2286**

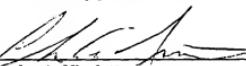
Please direct all telephone calls to Antoinette F. Konski at (650) 849-4950.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under § 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date:

4/16/10

By:



Name: **Charles A. Nicolette**  
 Residence: **Framingham, Massachusetts**  
 Citizenship: **U.S.A.**  
 Post Office Address: **4 Mill Street, Framingham, MA 01701**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



COPY OF PAPER  
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Docket No. GZ 2098.00

In re Application for:

Charles A. NICOLETTE

Examiner: Unassigned

Serial No.: 10/077,629

Group Art Unit: Unassigned

Filing Date: February 14, 2002

For: ALTERED PEPTIDE LIGANDS

**PROSECUTION BY ASSIGNEE AND POWER OF ATTORNEY  
UNDER 37 C.F.R. § 3.71**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Genzyme Corporation, the assignee of the entire right, title and interest in this patent application, under 37 C.F.R. § 3.71 hereby appoints:

Attorney	Registration No.	Attorney	Registration No.
David Beck	37,776	John W. Calkins	43,523
Patricia R. Coleman James	37,155	Terry Garnett	44,698
Carol M. Gruppi	37,341	Antoinette F. Konski	34,202
David W. Maher	40,077	Michael J. Shuster	41,310
William E. Thomson, Jr.	20,719	Michele Todd Wasmuth	43,239
Michael E. Woods	33,466		

all of the firm McCutchen Doyle Brown & Enersen LLP, Three Embarcadero Center, Suite 1800, San Francisco, CA 94111-4067, to prosecute this application and transact all matters in the United States Patent and Trademark Office connected therewith, said appointment to be to the exclusion of the inventors and their attorneys in accordance with the provisions of 37 C.F.R. § 3.71.

The following persons are also appointed agents of record in the above-identified application:

<b>Attorney</b>	<b>Registration No.</b>
Richard D. Allison	31,584
Robert J. Cobert	36,108
Thomas J. DesRosier	30,168
Deborah A. Dugan	37,315
Jennifer L. Dupré	41,722
Madge R. Kanter	35,211
Elizabeth Lassen	31,845
Bart G. Newland	31,282
Jennifer A. Tegfeldt	31,310
Darlene Vanstone	35,729

Please direct all written communications relative to this application to:

Antoinette F. Konski  
McCutchen Doyle Brown & Enersen LLP  
Three Embarcadero Center, Suite 1800  
San Francisco, CA 94111-4067

Please direct all telephone communications to Antoinette F. Konski at (650) 849-4950.

GENZYME CORPORATION

Dated: 4-18-02

By:   
Name: Thomas J. DesRosier  
Title: Senior Vice President  
Chief Patent Counsel  
Address: One Kendall Square  
Cambridge, MA 02139

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



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Docket No. GZ 2098.00

In re Application for:

Charles A. NICOLETTE

Examiner: Unassigned

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Filing Date: February 14, 2002

For: ALTERED PEPTIDE LIGANDS

**CERTIFICATE UNDER 37 C.F.R. § 3.73(b)**

Genzyme Corporation, a Massachusetts corporation certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:

- A.  An assignment from the inventor of the parent application identified above. The assignment is being filed under separate cover and a copy thereof is attached.

OR

- B.  A chain of title from the inventor(s), of the patent application identified above, to the current assigned as shown below:

1. From: \* To: \*

The document was recorded in the Patent and Trademark Office at Reel \*, Frame \*, or for which a copy thereof is attached.

2. From: \* To: \*

The document was recorded in the Patent and Trademark Office at Reel \*, Frame \*, or for which a copy thereof is attached.

3. From: \* To: \*

The document was recorded in the Patent and Trademark Office at Reel \*, Frame \*, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

ASSIGNMENT (SOLE)

**COPY**

THIS ASSIGNMENT, by Charles A. Nicolette (hereinafter referred to as the assignor), residing at, 4 Mill Street, Framingham, MA 01701 witnesseth:

WHEREAS, said assignor has invented certain new and useful improvements in **Altered Peptide Ligands**, set forth in a application for Letters Patent in the United States, bearing Application No. 10/077,629, filed on February 14, 2002; and

WHEREAS, Genzyme Corporation, a corporation duly organized under and pursuant to the laws of Massachusetts and having its principal place of business at One Kendall Square, Cambridge, MA 02139 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said application and any applications for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefore and thereon;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, said assignor has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and the same to be held and enjoyed by said assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignor, had this sale and assignment not been made.

AND for the same consideration, said assignor hereby covenants and agrees to and with said assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignor is the sole and lawful owner of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignor hereby covenants and agrees to and with said assignee, its successors, legal representatives and assigns, that said assignor will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said applications for Letters Patent and any patents to be obtained thereon, granted thereon is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignor hereby requests the Commissioner for Patents to issue said applications for Letters Patent and patents granted thereon of the United States to said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

Date

4/16/02

Name: Charles A. Nicolette

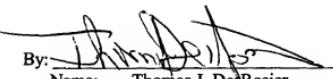
The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of the undersigned's knowledge and belief, title is in the assignee identified above.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Dated:

4-19-02

By:

  
Thomas J. DesRosier

Title: Senior Vice President  
Chief Patent Counsel

Address: Genzyme Corporation  
One Kendall Square  
Cambridge, MA 02139